

## CLAIMS

1           1. In a telecommunications system, a method of supplying a real-time video data  
2 service comprising the steps of defining a plurality of channel coding rates applicable to  
3 video data, said plurality including a 1/1 coding rate; selecting one of said rates and  
4 applying it to video data; and transmitting the coded video data over a link to a video  
5 receiver.

1           2. A method according to Claim 1 in which the telecommunications system is a  
2 mobile radio telecommunication system, and the coded video data is transmitted over a  
3 radio link to a video receiver in a mobile system.

1           3. A method according to Claim 2 comprising transmitting a selected channel  
2 coding rate as a coding scheme field CS in a header with each transmitted radio burst.

1           4. A method according to Claim 1 in which the plurality of channel coding rates  
2 comprise the rates 1/1, 2/3, 1/2 and 1/3.

1           5. A method according to Claim 3 wherein the channel coding rate is 1/1, further  
2 comprising in the uplink mode the step of applying time diversity to a first combination  
3 of a video payload VP plus the header H comprising the coding scheme CS and the  
4 temporary flow indicator TFI fields and to a second combination of the video payload VP  
5 plus a further block of bits.

1           6. A method according to Claim 5 in which the real-time video service is provided  
2 in a telecommunications system having interleaving, further comprising the steps of  
3 dividing each block of video payload into a plurality of divisions; and supplying each  
4 division in turn to consecutive bursts for radio transmission, and also supplying each  
5 burst with the header fields for that payload.

1           7. A method according to Claims 3 further comprising the step of providing a  
2 plurality of stealing bits in each header arranged to indicate that a payload comprises real  
3 time video data.

1           8. A mobile radio telecommunications system 10 comprising a core network , at  
2 least one Support Node, 17, 18, at least one Radio Network Controller 16, and at least  
3 one Mobile Station 12 , the system being arranged for supply of a real time video service  
4 to said mobile user characterized in that said system is arranged to select one of a  
5 plurality of channel coding rates, said plurality including a 1/1 rate, to apply said selected  
6 rate to a video signal, and to supply the coded signal to said Mobile Station.

1           9. A system according to Claim 8 in which channel coding for the real time video  
2 signal is applied in the application layer of the conventional 7-layer telecommunications  
3 protocol.